CHAPTER 1
ESSENTIAL PRELIMINARIES

The goal of Chapters 1 and 2 is to review, and to expose you to some new views of old ideas. In addition, elements of the language of mathematics are developed that will be needed throughout the course.

*It is imperative that Chapter 1 be covered thoroughly,* since it provides the foundational language issues on which the rest of the text builds. Instructors and students alike will probably find the flavor of Chapter 1 to be very nontraditional, because language issues are rarely emphasized in lower level mathematics courses.